

Liverpool John Moores University

Title: HEALTH PROTECTION
Status: Definitive
Code: **7014SKPUBH** (113050)
Version Start Date: 01-08-2014

Owning School/Faculty: Centre for Public Health
Teaching School/Faculty: Centre for Public Health

| Team | Leader |
|----------|--------|
| Ivan Gee | Y |

Academic Level: FHEQ7 **Credit Value:** 15.00 **Total Delivered Hours:** 27.00
Total Learning Hours: 150 **Private Study:** 123

Delivery Options

Course typically offered: Standard Year Long

| Component | Contact Hours |
|-----------|---------------|
| Lecture | 18.000 |
| Seminar | 9.000 |

Grading Basis: 40 %

Assessment Details

| Category | Short Description | Description | Weighting (%) | Exam Duration |
|--------------|-------------------|---------------------------|---------------|---------------|
| Presentation | AS1 | Group presentation | 40.0 | |
| Report | AS2 | Written report 2500 words | 60.0 | |

Aims

Health Protection is an important component of public health. This module aims to provide students with an understanding of the role of public health practitioners in the management of infectious and non-infectious environmental hazards to which the public may be exposed and an understanding of the role of public health practitioners to chemical, biological, radiation and nuclear threats.

Learning Outcomes

After completing the module the student should be able to:

- 1 Critically analyse the application of legislation relevant to health protection
- 2 Critically discuss the roles and responsibilities of the various organisations that have responsibility for health protection
- 3 Demonstrate a critical understanding of the cause and effect of important communicable diseases
- 4 Identify and independently analyse the environmental stressors that can impact upon human health.
- 5 Critically apply the source, pathway and receptor concept to environmental pollution.

Learning Outcomes of Assessments

The assessment item list is assessed via the learning outcomes listed:

| | | | | |
|--------------------|---|---|---|---|
| Group Presentation | 1 | 2 | 3 | 4 |
| Report | 3 | 4 | 5 | |

Outline Syllabus

Overview of Health Protection legislation, policy and services. Principles of risk assessment, perception and communication. Introduction to non-infectious environmental hazards, including contaminated land, air pollution and waste management. Principles of communicable disease surveillance and control, examples of the cause, effect (social and physical) and control of significant food and water borne infections, sexually transmitted infections, meningitis and tuberculosis. Local and regional arrangements for health emergency planning. The public health response to bio-terrorism and other threats.

Learning Activities

Interactive lectures, guided reading, student led discussions and presentations.

References

| | |
|------------------------|--------------------------------------|
| Course Material | Book |
| Author | Bennett and Calman |
| Publishing Year | 1999 |
| Title | Risk Communication and Public Health |
| Subtitle | |
| Edition | |
| Publisher | Oxford University Press |
| ISBN | |

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| Course Material | Book |
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|------------------------|---|
| Author | Chief Medical Officer |
| Publishing Year | 2001 |
| Title | 'Getting Ahead of the Curve :A strategy for combating infectious disease' |
| Subtitle | |
| Edition | |
| Publisher | Dept. of Health |
| ISBN | |

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|------------------------|--|
| Course Material | Book |
| Author | Dept. of Health |
| Publishing Year | 2002 |
| Title | Emergency Planning and Response to Major Incidents |
| Subtitle | |
| Edition | |
| Publisher | Dept of Health |
| ISBN | |

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|------------------------|---|
| Course Material | Book |
| Author | Fairman, R., Murray, V., Kirkwood, A. & Saunders, P |
| Publishing Year | 2001 |
| Title | Chemical Incident Management for Local Authority Environmental Health Practitioners |
| Subtitle | |
| Edition | |
| Publisher | The Stationery Office |
| ISBN | |

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|------------------------|---|
| Course Material | Book |
| Author | Hawker J, Begg N, Blair I, Reintjes, Weinberg J |
| Publishing Year | 2004 |
| Title | Communicable Disease Control Handbook |
| Subtitle | |
| Edition | 2nd |
| Publisher | Blackwell Science |
| ISBN | |

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|------------------------|--|
| Course Material | Book |
| Author | Medical Toxicology Unit Guys and St Thomas' Hospital |
| Publishing Year | 1999 |
| Title | 'Chemical Incident Management for Public Health Physicians |
| Subtitle | Chemical Incident Management Series |
| Edition | |
| Publisher | Stationery Office |
| ISBN | |

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|------------------------|---|
| Course Material | Book |
| Author | WHO Regional Office for Europe |
| Publishing Year | 1997 |
| Title | Assessing the Health Consequences of Major Chemical Incidents :Epidemiological Approaches |
| Subtitle | European Series No 79 |
| Edition | |
| Publisher | World Health Organisation |
| ISBN | |

Notes

In this module the components and structure of health protection activity are examined. The risks to public health from both communicable and non-infectious environmental hazards are explored in detail. The infrastructure of health emergency planning is critically analysed.